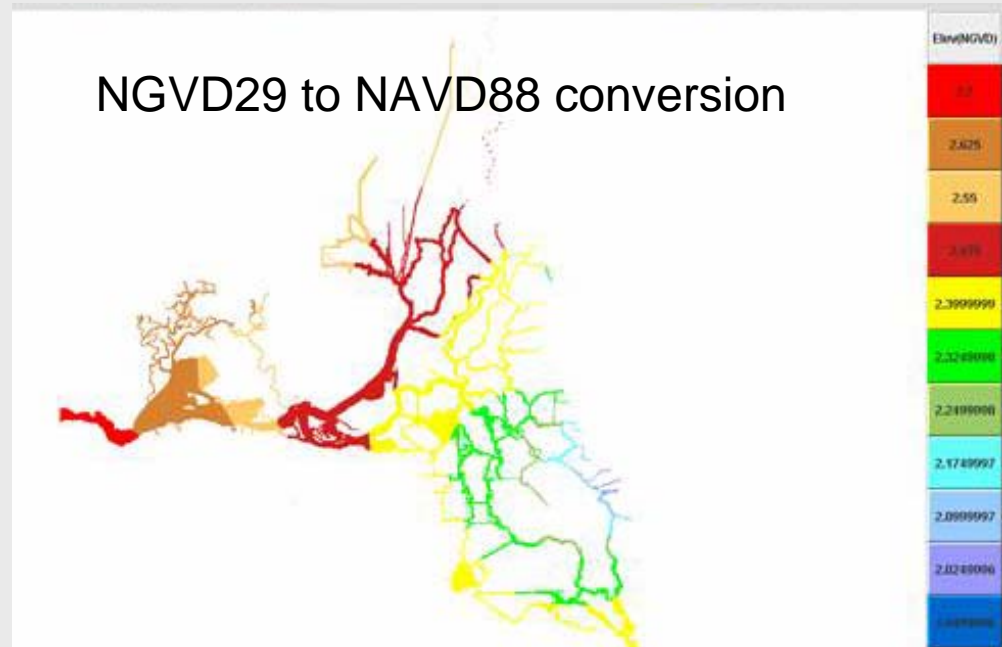


1. Convert to the modern
vertical datum
2. HYDRO Validation periods

Chris Enright
CWEMF DSM2 Workshop
February 6, 2007

NAVD88

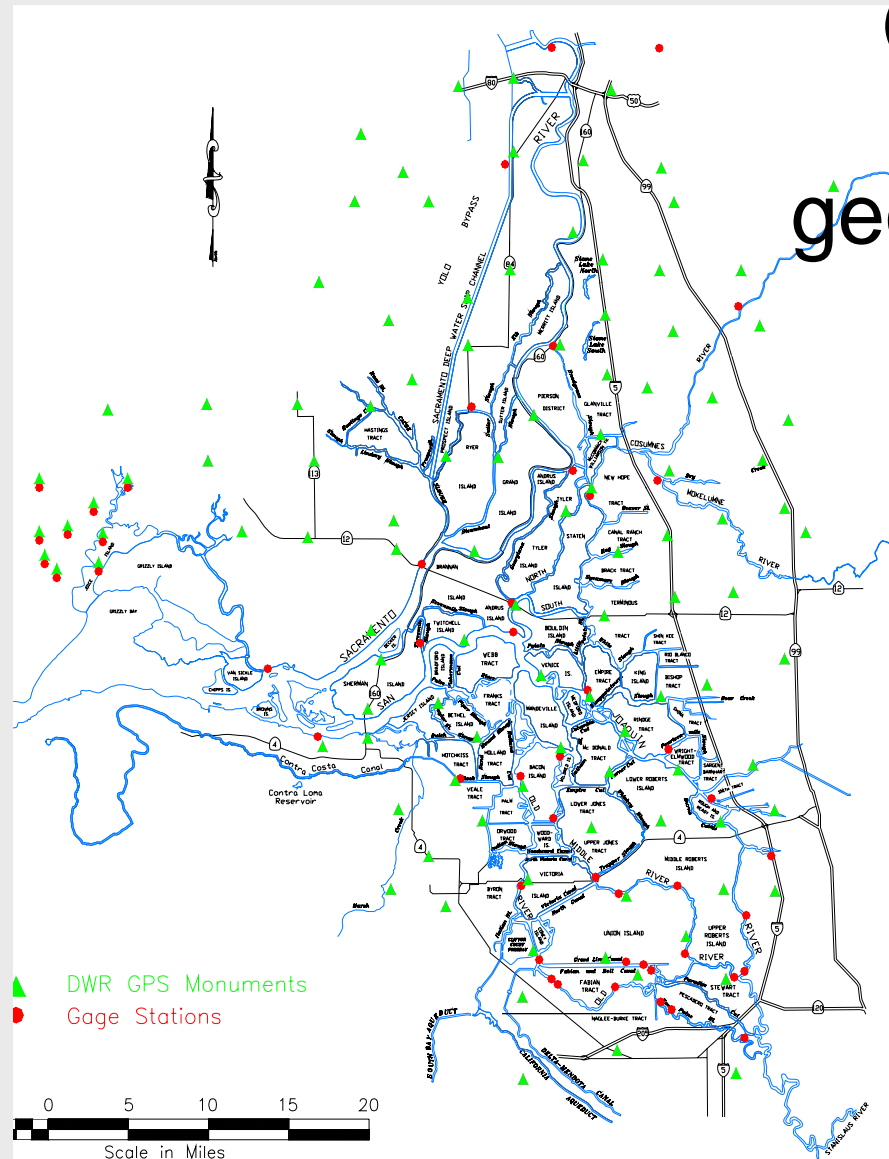
- All model parameters that have an elevation attribute must be converted to NAVD88
- Old datum effectively does not exist



GPS Bench Mark and Tide Gage Locations in the Delta and Suisun Marsh

All elevation data
(stage, bathymetry, topography)
depends on this
geodetic benchmark network

- realigned in 2002 to NAVD88 standard



2. HYDRO Validation Periods

- ~ Spring-Neap time scale
- Fair weather (30 in/hg)
- Calm wind
- Range of outflow/export conditions
- overlap special study periods
 - Usually have salinity time series too..
 - Suisun April-August 2004: 13 flow stations
 - North Delta 2006: 9? flow stations
 - Mildred Is/Franks Tract 2002
 - confluence 1998: 7 flow stations
 - Etc.